

Abstract of the Disclosure

Disclosed is a liquid crystal driving device, which is without a gate PCB, having improved uniformity of screen, and a driving method thereof. The liquid crystal driving device 5 comprises: a sequence recognition means for recognizing sequence of a pertinent gate driver IC by a pulse width of a vertical start signal inputted in synchronization with a vertical synchronous signal, and generating a Carry signal and location data of the pertinent gate driver IC; and a 10 gate-off voltage generation means for receiving a first gate-off voltage and the location data of the pertinent gate driver IC, and outputting a second gate-off voltage which is generated by subtracting a voltage attenuation quantity corresponding to the location data of the gate driver IC from 15 the first gate-off voltage.